

THE “BRITANNIA”
PETROLEUM OIL ENGINE—is the
 Simplest and Most Economical
MOTOR
YET INVENTED.

Costing less than a Half-penny
per Brake-horse-power per hour !!!

And will run many hours without attention.

WILL SOON SAVE ITS COST !

**Especially adapted for Electric Light, and suitable for every purpose
 for which power is required.**

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**Sole Makers—BRITANNIA Co.,**  
**100 & 101, HOUNDSDITCH, LONDON.**  
**Works—COLCHESTER, ENGLAND.**

# THE BRITANNIA OIL ENGINES,

*The most perfect yet invented. Have Perfect Combustion, a Clean Exhaust, and No Deposit.*

**SOON SAVE THEIR ENTIRE COST IN ECONOMY OF OIL, AS  
COMPARED WITH OTHER ENGINES.**

Instance—The saving in cost of a Ten-horse Engine, as compared with a Steam Engine, will be about £70 per annum. Other sizes in proportion.

They require  
**NO ELECTRICITY.**  
**NO STEAM.**  
**NO BOILER.**  
**NO DRIVER.**  
**NO WATER**  
**CONSUMED**  
(except for water  
jacket).

**Important  
Advantages.**

Occupies less space than any other Engine, and is of less weight per Brake-horse-power.

Starts in a few minutes and practically no attention is required after starting.

Extreme simplicity.  
Costs less than a half-penny per horse-power per hour.

No Danger or extra Insurance.

All the working parts are shown on the illustration, and are not hidden in the bed.

Started in much less time than any other Oil Engine, and much more readily than Gas Engines.

The cheapest Paraffin or Kerosene Oil is used both for working engines and for ignition.

Less than one-fourth of the smell as compared with other Oil Engines; our patent piston catches and condenses the escaping vapour.

They have fewer valves and working parts, and are so simple that they can be placed in the hands of any unskilled person.

Will run for six or eight months without cleaning.

The economy is great compared with all others. The cost per Brake-horse-power is only about one half-penny per hour. The specific gravity of the oil is .8 upwards, the consumption is about  $\frac{1}{2}$ -pint per hour per Brake-horse-power; the running cost is therefore less than in Gas Engines or in any other Oil Engine.

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**BRITANNIA Co., Sole Makers, COLCHESTER.**

*London Showrooms—100 and 101, HOUNDSDITCH.*

# THE BRITANNIA OIL ENGINE.

| Actual or Brake-horse-power. | Price. | Revolutions per Minute. | Approximate Weight of Engine. | Approximate Dimensions of Engine. | Prices of Water Tanks charged extra. | Usual size of Pulley charged extra. | Extra Fly-wheel   |
|------------------------------|--------|-------------------------|-------------------------------|-----------------------------------|--------------------------------------|-------------------------------------|-------------------|
| 1 Vertical                   | £ 45   | 300                     | 3½cwt.                        | 2ft. by 2ft.                      | £ s. d.<br>1 10 0                    | 9 by 3                              | £ s. d.<br>2 15 0 |
| 2 Horizontal                 | 59     | 260                     | 9cwt.                         | 4ft. 7in. by 2ft. 1in.            | 2 15 0                               | 9 by 4                              | 3 15 0            |
| 3½ "                         | 79     | 240                     | 13½cwt.                       | 5ft. 9in. by 3ft.                 | 5 0 0                                | 12 by 6                             | 4 15 0            |
| 5 "                          | 98     | 230                     | 18cwt.                        | 6ft. by 3ft. 3in.                 | 5 10 0                               | 15 by 6                             | 5 15 0            |
| 7 "                          | 115    | 220                     | 24cwt.                        | 7ft. by 3ft. 6in.                 | 7 10 0                               | 20 by 7                             | —                 |
| 12 "                         | 155    | 210                     | 30cwt.                        | 8ft. by 4ft.                      | 10 0 0                               | 24 by 7                             | —                 |

## Other Patterns, Vertical and Horizontal.

These Engines can be quickly removed from place to place upon a low trolley.

The Prices include Exhaust Box and everything necessary for running, except Pulley, Water Tank and Foundation Bolts. The Fixing costs little, and the Engine is entirely self-contained.

The Engine is patented in England and Abroad. Reward offered for Infringements.

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**GUARANTEE.**—*We undertake to replace or repair any part of these Engines within six months after date of delivery, unless such wear or breakage is caused by improper treatment.*

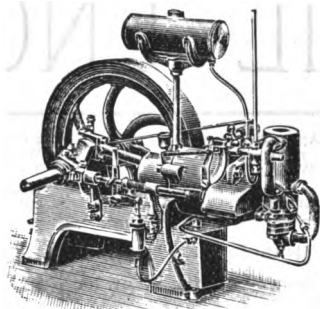
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## TERMS:

Cash or Credit, as may be arranged, or on Hire Purchase.

Packing for Shipment, 5 per cent. extra. Packing for Great Britain, 2½ per cent. extra, two-thirds of which is allowed if package be returned promptly.

# THE BRITANNIA Domestic Oil Engine.



THIS Domestic Motor is extremely simple, having few working parts, and is very reliable. Any unskilled person can start it in 8 to 10 minutes. It requires very little attention. It occupies a space of 15in. by 33in. It gives  $\frac{1}{2}$  to  $\frac{3}{4}$ -horse-power on the brake at its normal speed of about 375 revolutions per minute. It is invaluable for small pumps and lathes, punkahs, fans, dairies, &c. It consumes under 1 pint of oil per hour, when giving its maximum power. Weight about 200lb.

**Price £29. Water Tank, £1 10s.**

**Price of Second Fly-wheel, £1 15s.**

This Engine, combined with Pump to raise 300 gallons per hour 15ft., complete with pipe, &c. **£33.**

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## *Numerous Testimonials.*

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We can also supply Oil Engines for Launches, Barges, and Boats. *Send full details of requirements.*

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**SOLE MAKERS—**

**BRITANNIA COMPANY, COLCHESTER.**

**London Showrooms, 100 and 101, Houndsditch.**

**ALL CORRESPONDENCE TO BRITANNIA WORKS, COLCHESTER.**